

6417338

PA 09483831

FIG. 1

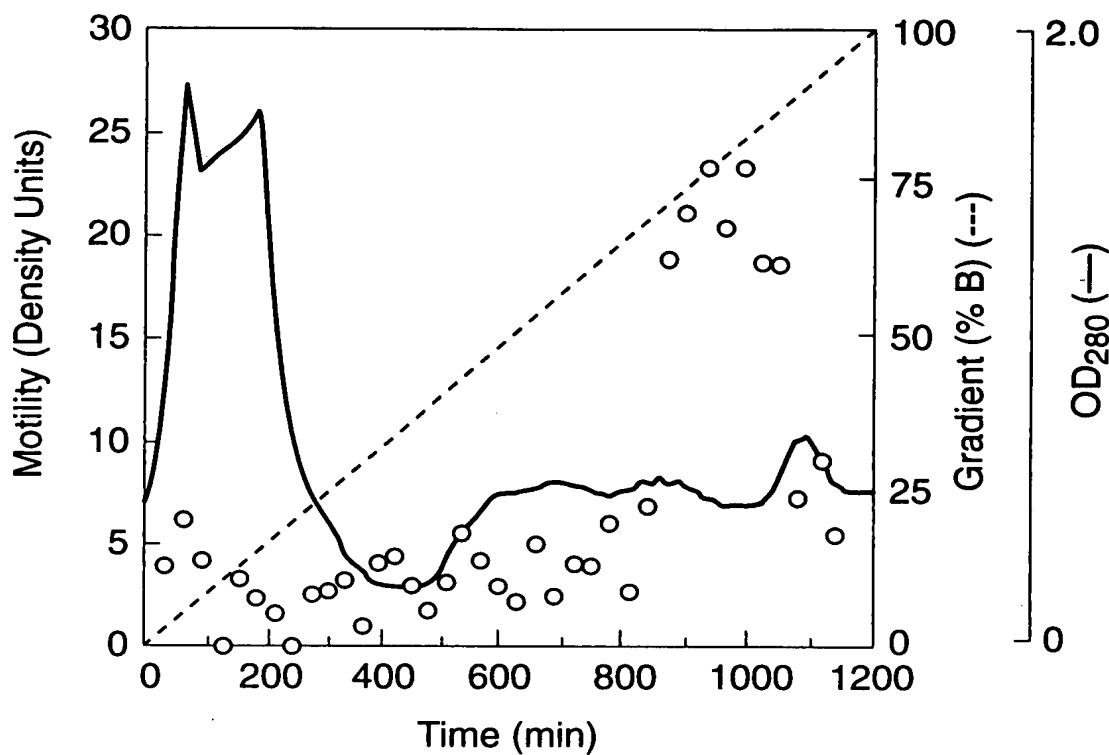


FIG. 2

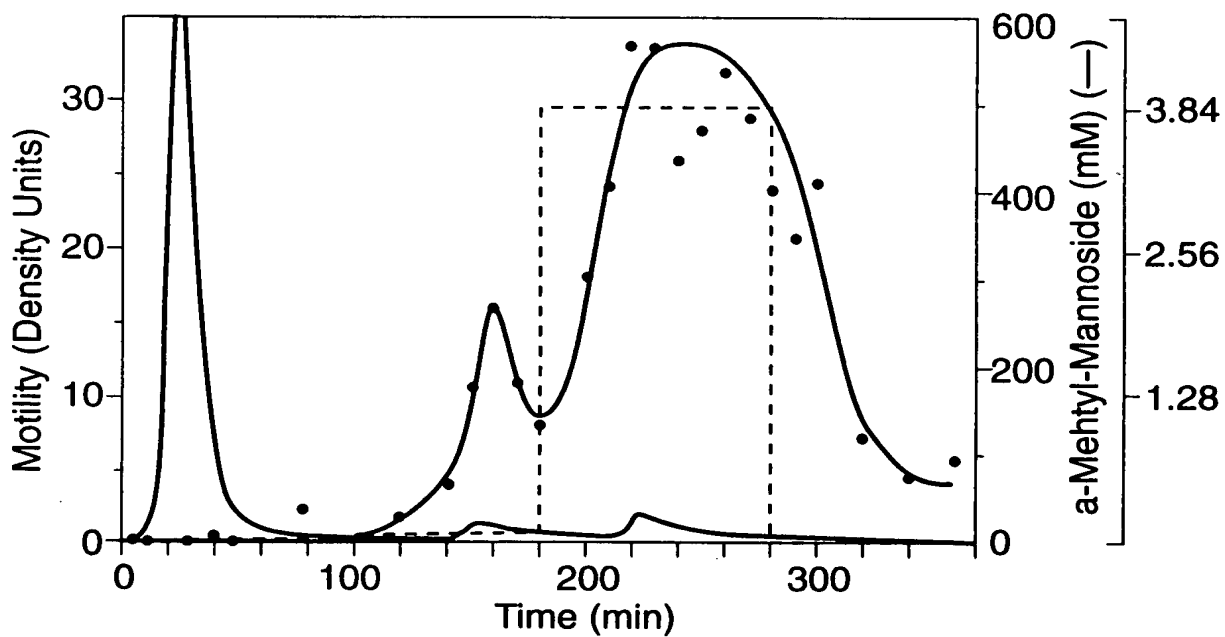


FIG. 3

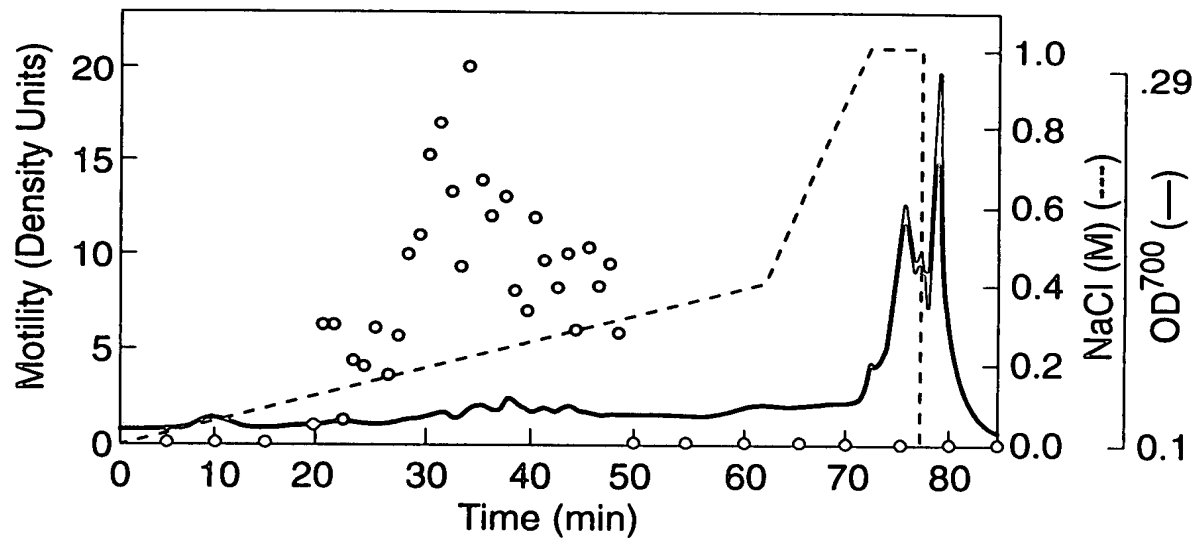


FIG. 4

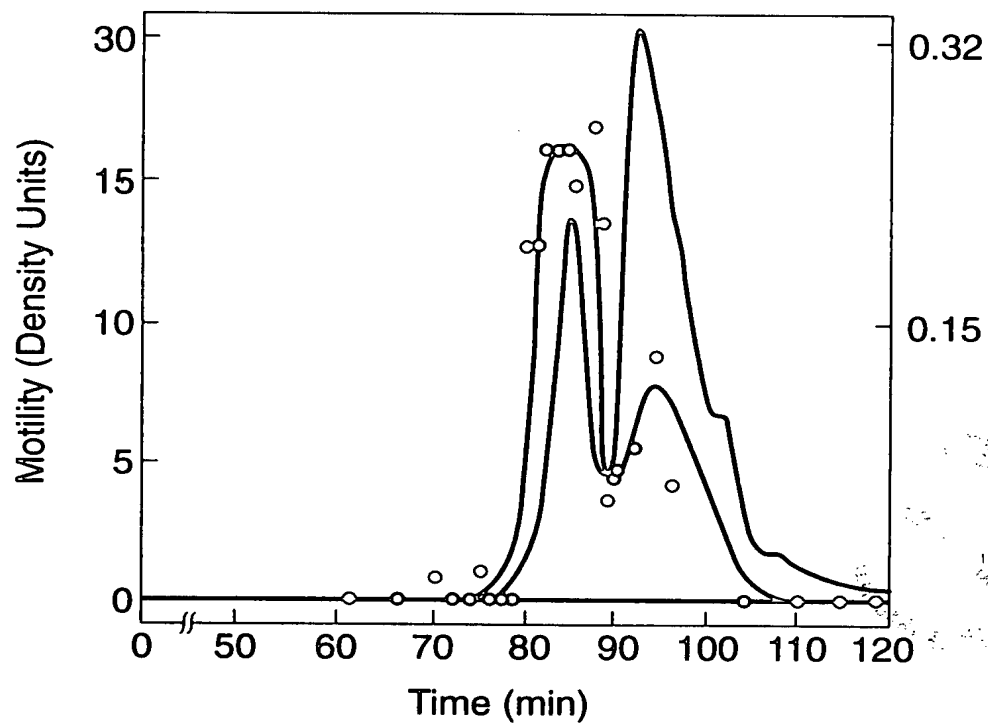


FIG. 5

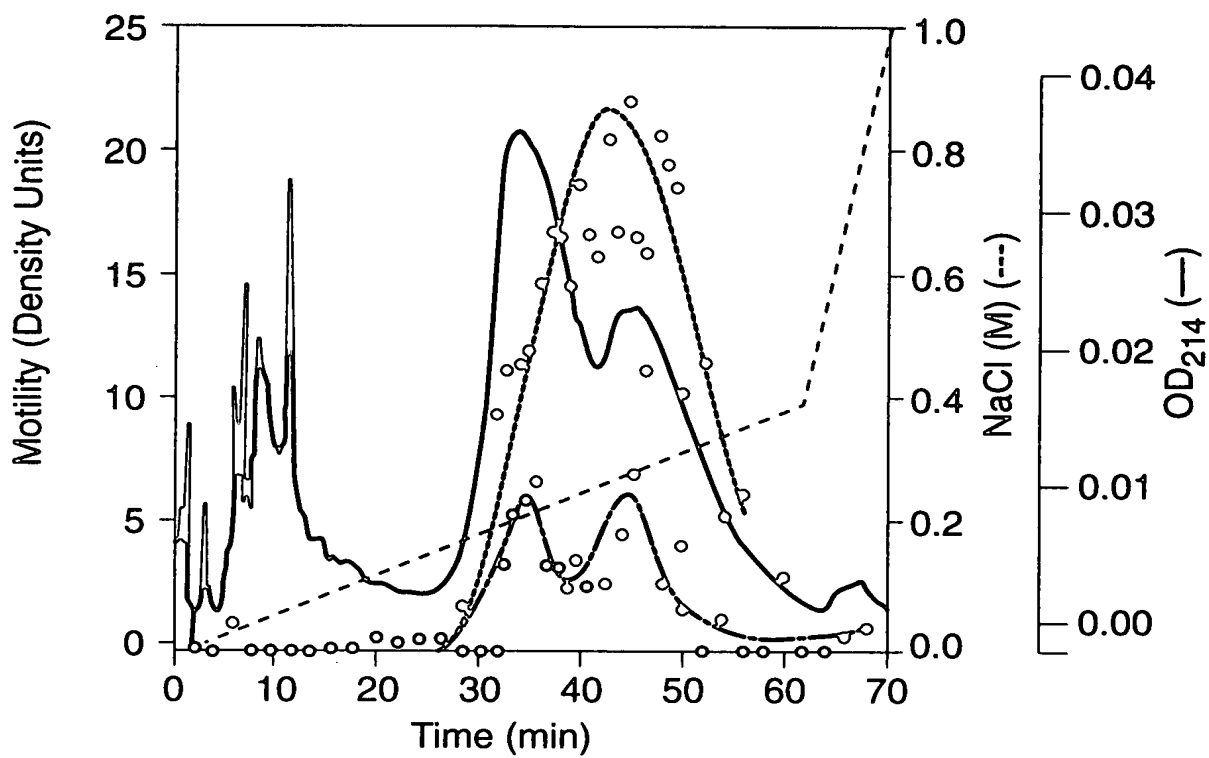


FIG. 8

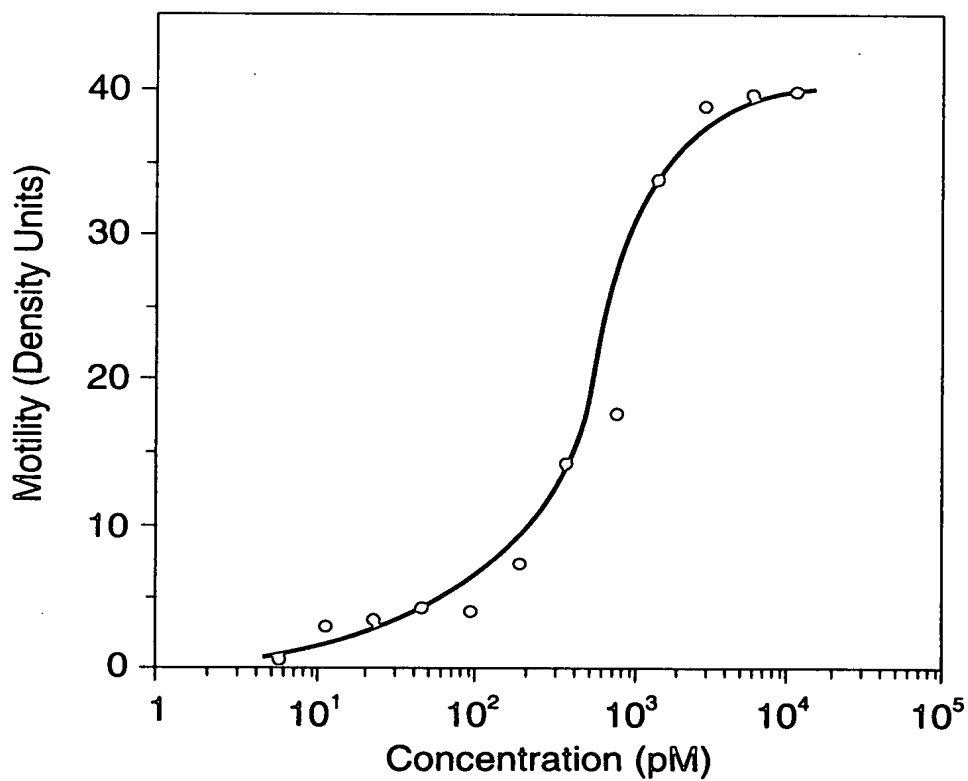


FIG. 6A

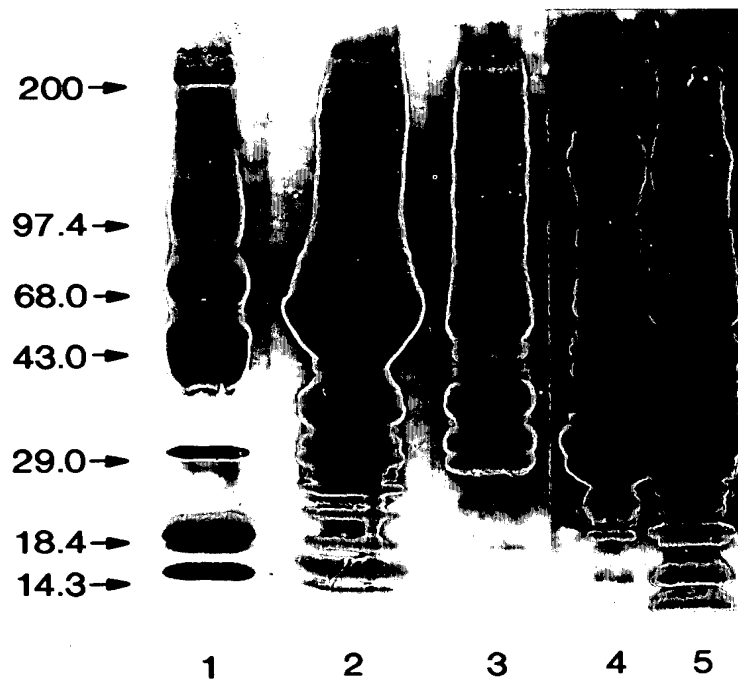


FIG. 6B

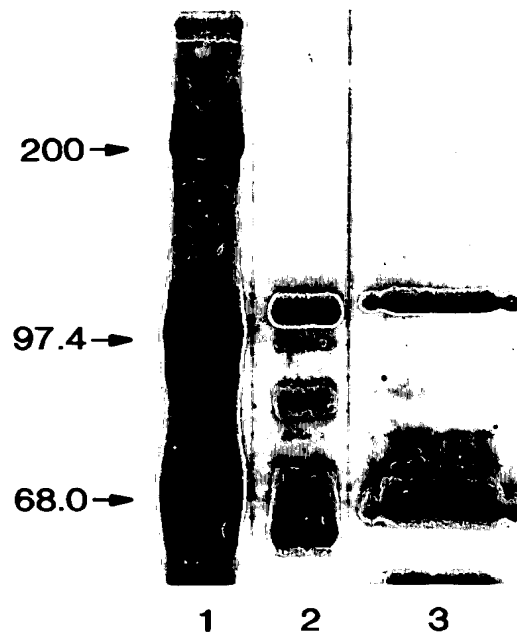


FIG. 6C

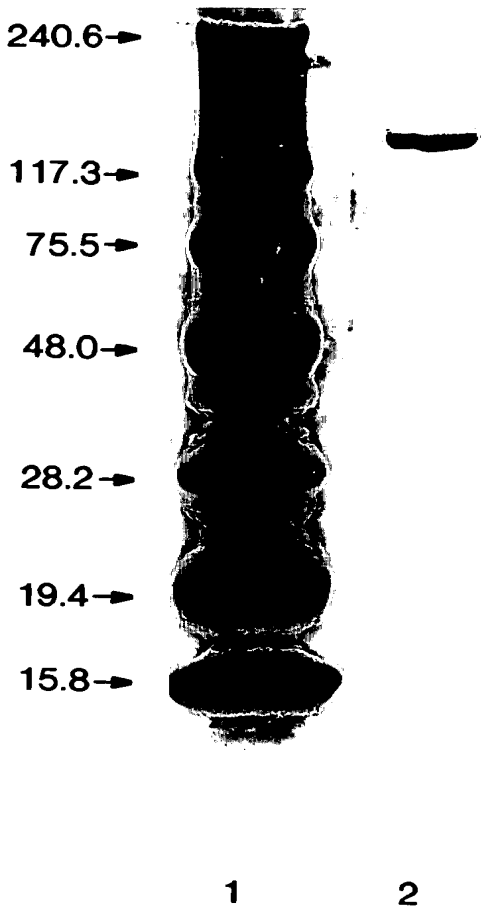


FIG. 7

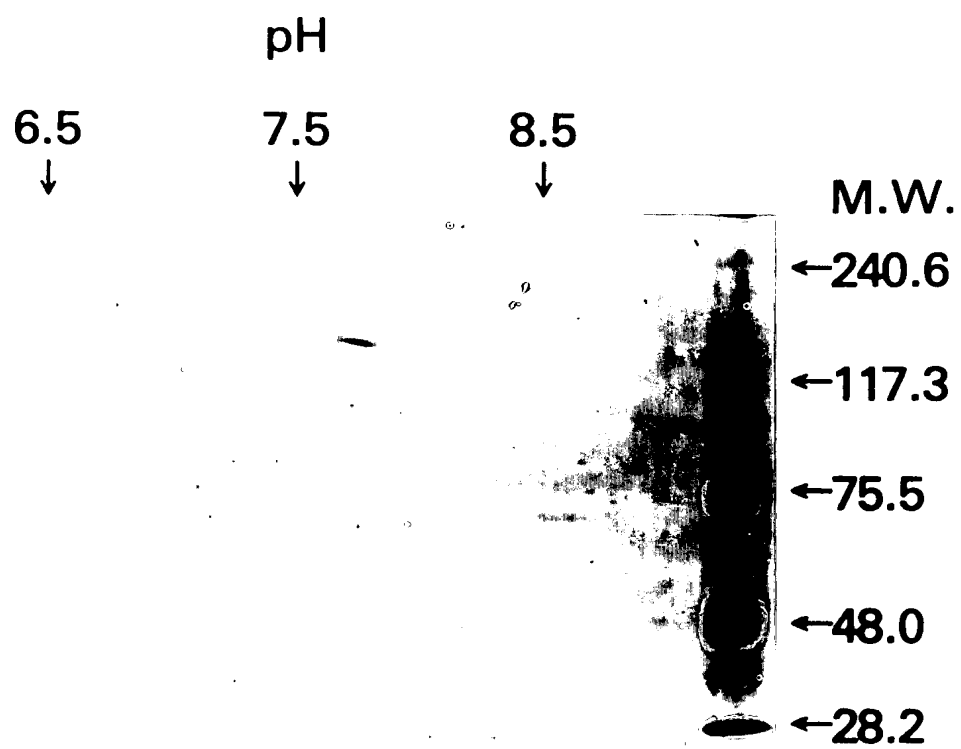


FIG. 9

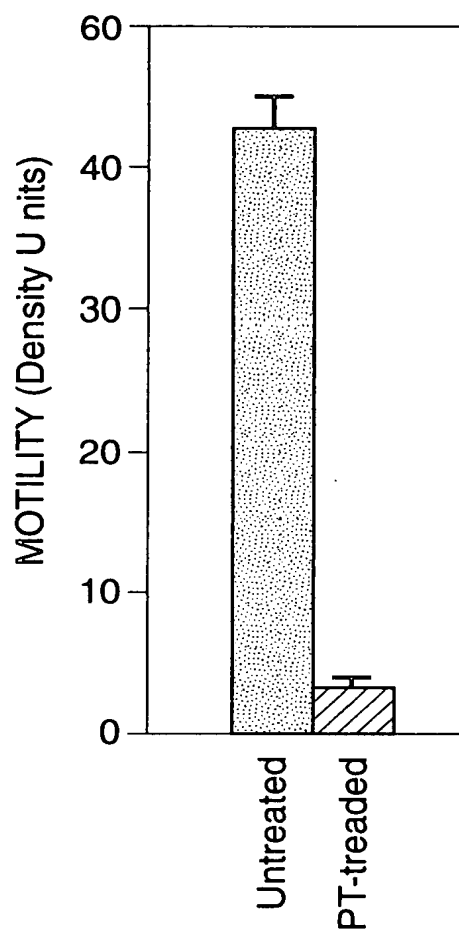
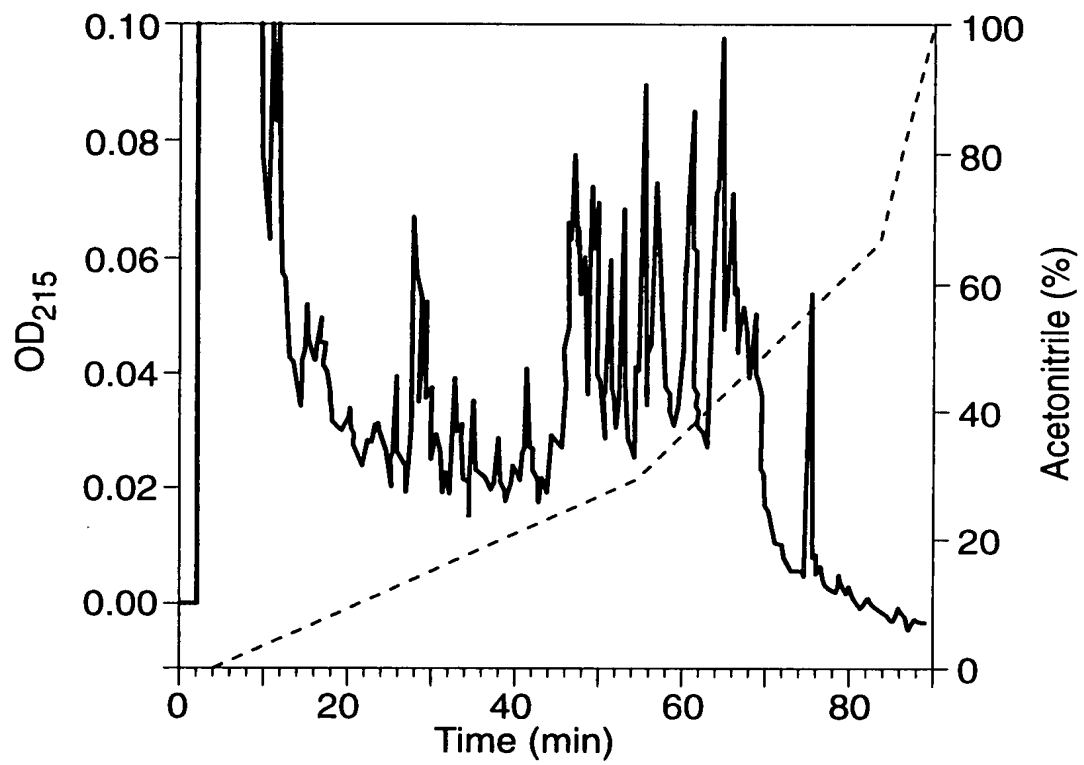


FIG. 10

		Upper Walls		
		0	0.01%	0.1%
Lower Walls	0	4.8 ± 0.3	13.7 ± 0.8	33.8 ± 1.6
	0.01%	45.4 ± 4.0	39.3 ± 2.6	34.9 ± 1.4
	0.1%	75.6 ± 1.8	58.3 ± 3.1	41.0 ± 3.4

FIG. 11



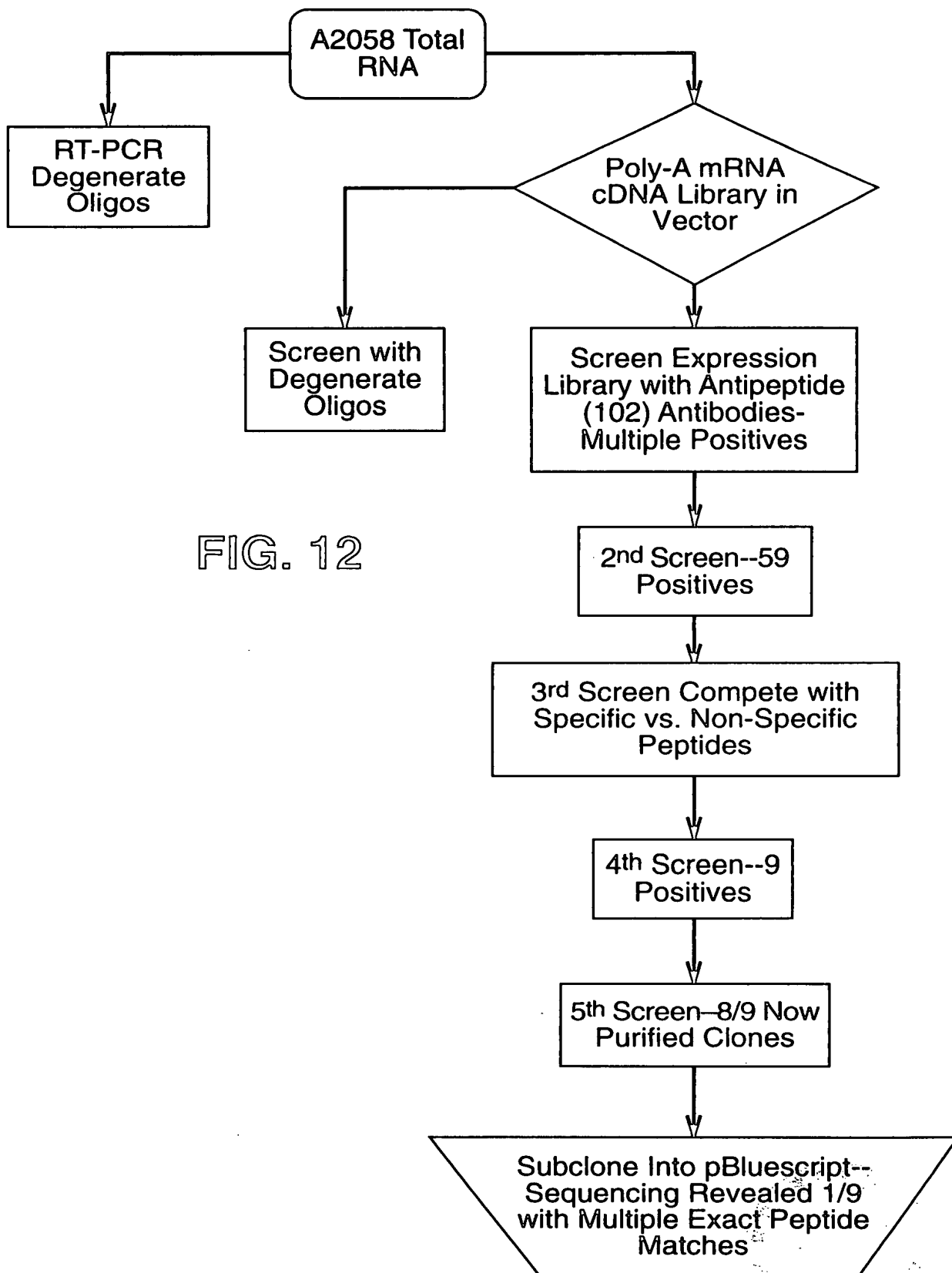


FIG. 12

FIG. 13

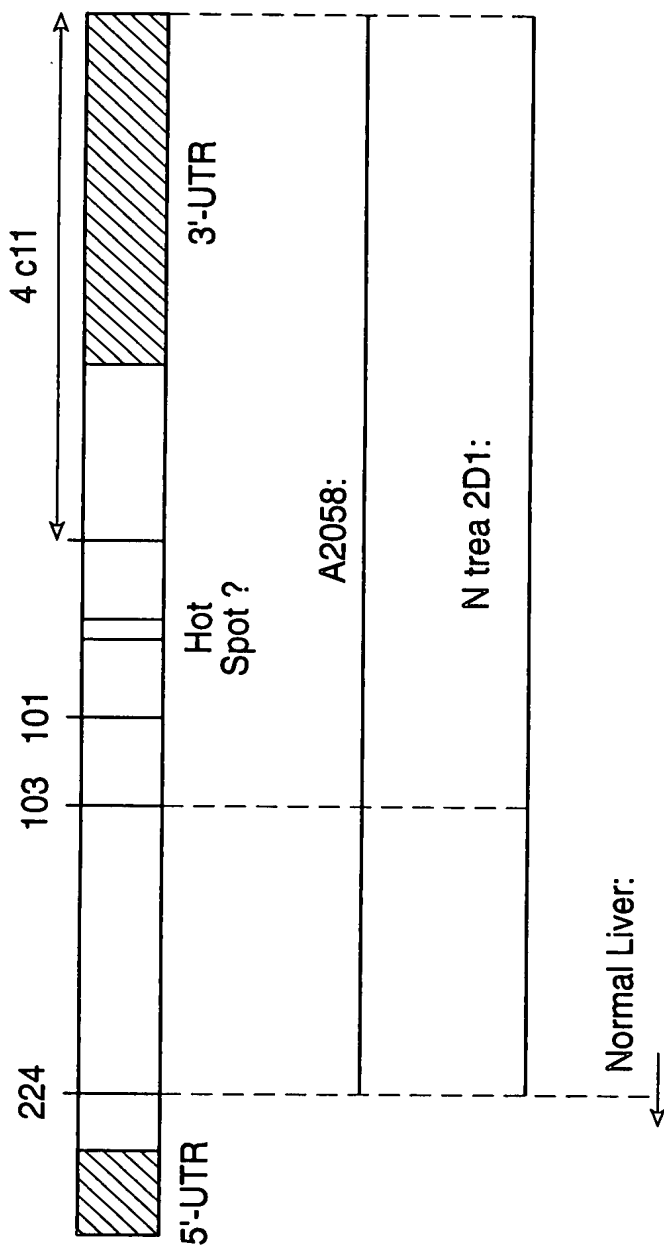


FIG. 19

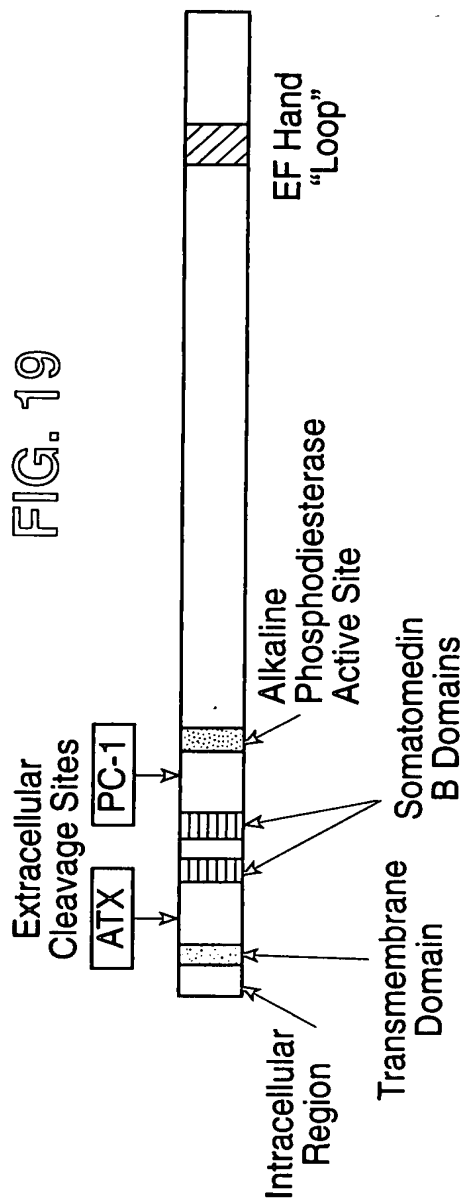


FIG. 14

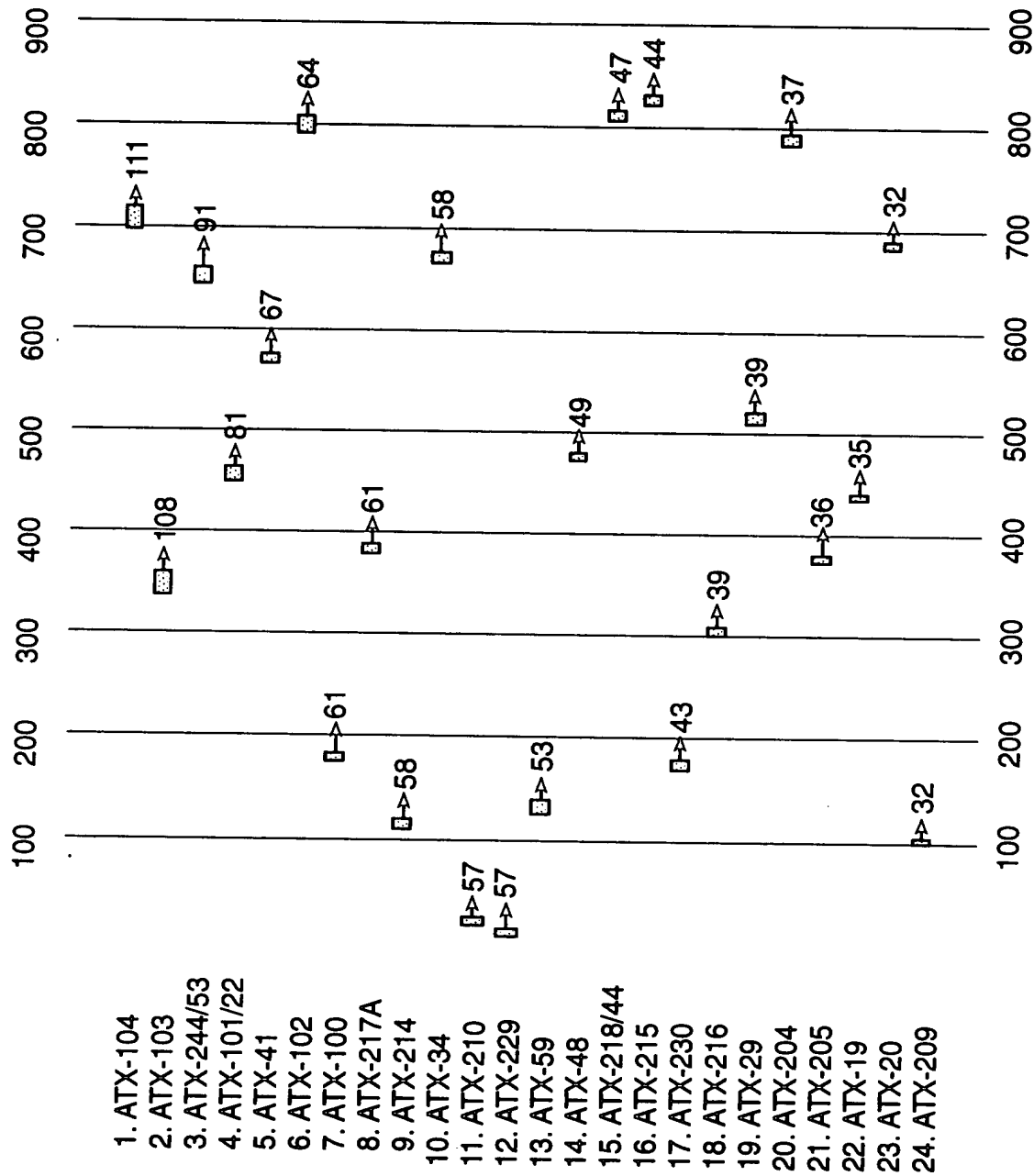


FIG. 15

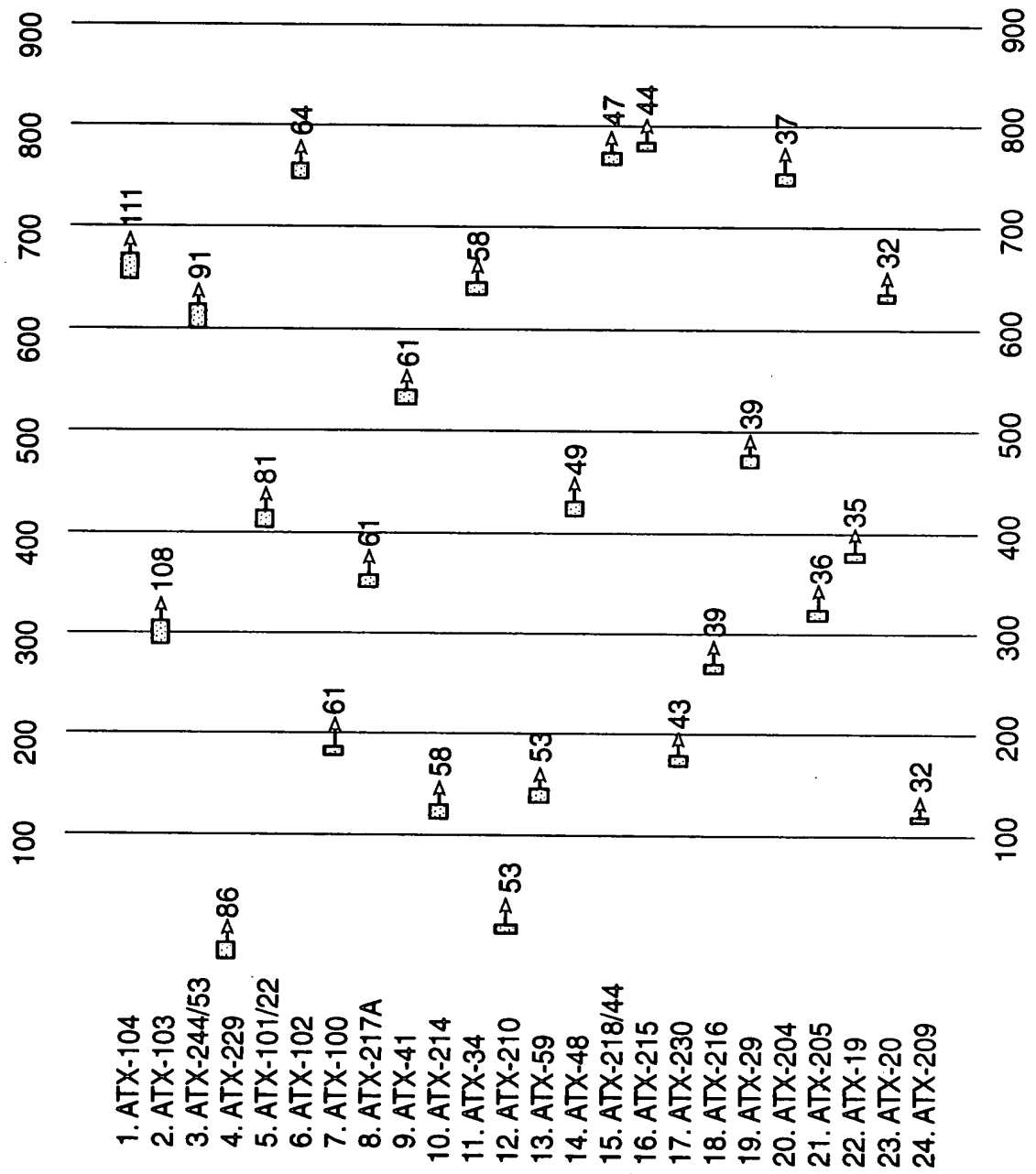


FIG. 16

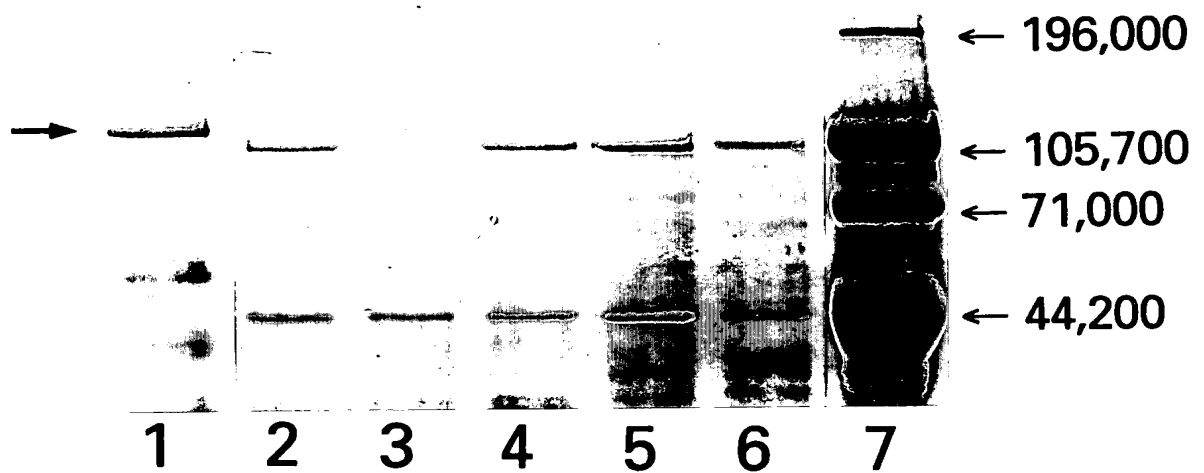


FIG. 17A



FIG. 17B

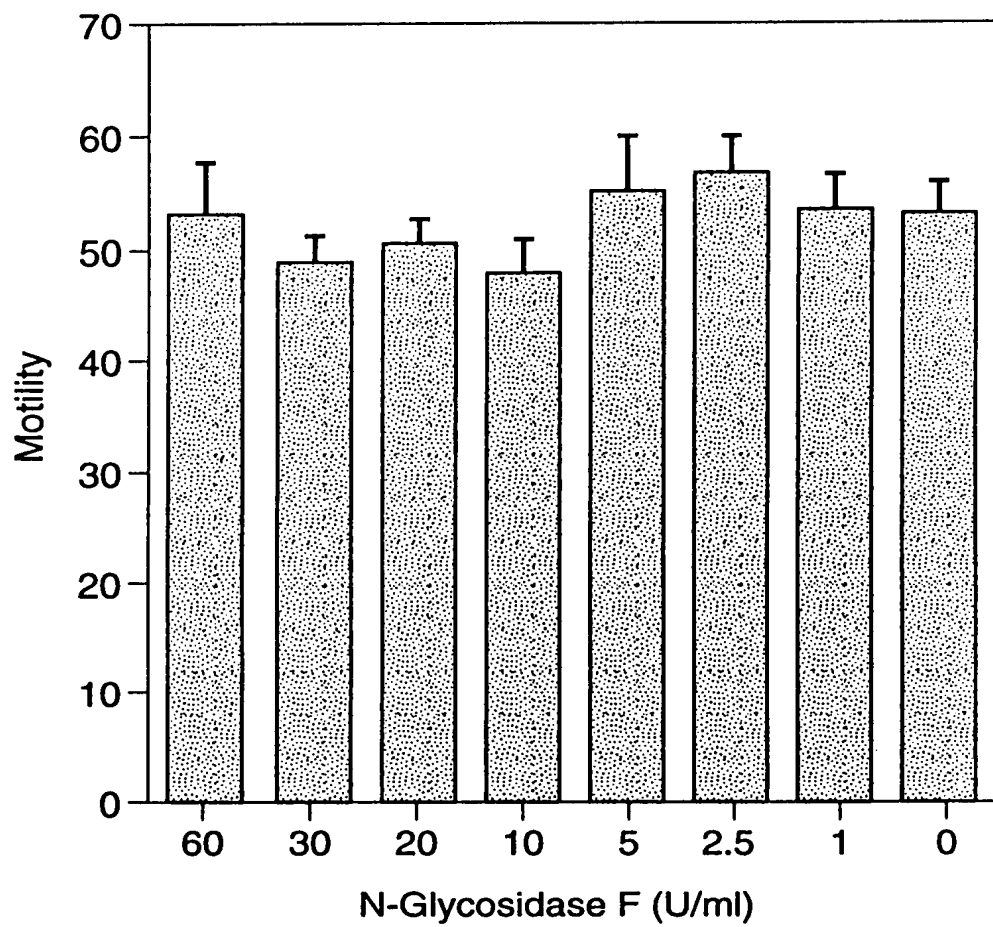


FIG. 18A

↓

hATX	<u>MARRSFQSCQIIISLFTFAVGVSICLFTAHR</u> IKRAEGWEEGPPTVLSDSPWNI	SGCKRCFCFQEAGPPDCRCNLC	SKSYTSCCHDF	90
hPC1	MDVGEETLEKAAARTAKDPNTYKVL	SLVSVCLVTIL.....GCIFG....LKPS	CAKEVK.SCKGRCF...ERTFGNCRCDAA	ACVELGHCCLDY 84
hATX	<u>DELCLKTARGWECTKDR</u> CGEVRNEENACHCEDCLARGDCCTNYQWCKGESHWDD	CCEIKAAEC	PAGFVRPPLIFSV	DGFRA
hPC1	<u>QETCIEPEHIWTCN</u> KFRCGEKRLTRSLCACSDDCDKDKGCCINYSVCQGEKSWVEEPCESIN	PQCPAGFETPTLLFSLDGFRAEY	LHTWGGLLPVIS	184
	↑			
hATX	<u>KLRSCGTHSPYMRPVYPTKTFPN</u> LYTLATGLYPESHGIVGNSMYDPVDFATHLRGR	KEFNHRWGGQPLWITATKQGV	KAGTFFWS.....	272
hPC1	<u>KLKCKGTYTKMRPVYPTKTFPN</u> HSIVTGLYPESHGIIDNMVDPKMNAS	SLKSKENP	WYKGEPIW	TAKYQGLKSGTFFWPGSDVEINGIFPDI 284
hATXVWIPHERILTLRWLTLPDHERPSVAFYSEQPDFSGHKYGFPGP	RESSYGSPTPAKRPKR	KVAPKRQRERPVAPPKRRRK	IHRMDHYAAET 372
hPC1	<u>YKMYNGSVPFERILAVLQWLQLPKDER</u> PHFYTLYLEEPDSSGHSYGPVSSE.....			336
hATX	<u>RODKMTNPLREIDKIV</u> QLM	DGLKQLKLR	CVNVI	FVDHGMEDVTC
hPC1VICALQRVDGWM	MDGLKELNLRCLN	LILTSDHGMEQ	SCKKIYILNKYLG
hATX	<u>QHF</u> KPYLKQHLPKRLHYANNRRIEDIHLLVERRHWVARKPLDVYKKPSG	CFQGDHGF	DNKVN	SMQTV
hPC1	<u>QHF</u> KPYLKHGLPKRLHFAKSDRIEPLTFYLD	PQWLALNPSE...RKYCGSGF...HGSDNV	FSNMQALFV	GYGPGFKHGIEADTFENIEVYNLMCDLLN 526

FIG. 18B

hATX	LKPAPNNGTHGSLNHLRLTNTRPTMPEEVT	RPNYPGIMYLQSDFDL	GCTCDDKVEPKNLD.ELNKR	LHTKGSTEERHLLYGRPAVL	YRTR.YDILYHT	668	
hPC1	LTPAPNNGTHGSLNHL	LKNPVYTPKHPKEV.HPLVQCP	FTNRPRDNLGCSCNPSILPIED	FQTQFNLTVAEKIIKHETL	PYGRPRVLQKENTICLLSQH	625	
hATX	DFESGYSEIFMLLWTSYTVSKQAEVSSVPD	HLTSCVRPDVRVSPSPSONCLAYKND	KQMSYGFLFPYLS	SSPEAKY.DAFLVTNNMVP	MPAFKRVWNY	767	
hPC1	QFMSGYSQDILMPLWTSYTVDRNDSFS..	TEDFSNCLYQDFRIP	PLSPVHKCSFYKNNTKVSYGFLSP	QPLNKNSSGIYSEALLTTNIV	PMVQSFQVIWRY	723	
hATX	<u>FORVLVKYASERNGVN</u>	<u>ISGPIFDYDGLH</u>	<u>DTEDKIKQ...YVEGSSIP</u>	<u>VPTHYYSIITSCLD</u>	<u>FTQPADKCDGPLSVSSFIL</u>	<u>PHRPDNEESCNSSEDE</u>	875
hPC1	FHDTLLRKYAEERNGVNVSGPVDFD	<u>YDGRCD</u>	<u>SLENLRQKRRVIRNQEIL</u>	<u>IPTHFFIVLT</u>	<u>SCDKDTSQTPLHCEN.LDTLAFIL</u>	<u>PHRTDNSESCVHGKHD</u>	822
hATX	SKWVEELMKMHTARV	RDIEHLTSLDFFR	KTSRYPEILLTKYL	HTVESEI	915		
hPC1	SSWVEELMLHRARITD	VEHITGLSFYQ	QKEPVS	DILK	KLTHLP	PTFSQED	873